Smoke Alarm

9V BATTERY POWERED

Model Ei 3105H Optical

- **High sensitivity – responds to all standard fires**
- **Senses smoke using the light scatter principle, giving a quick response to visible smouldering fires**
- **Battery powered – 9V alkaline (supplied)**
- **Missing battery indicator**
- **Low battery warning**
- **Built in sounder**
- **No wiring**
- **Test/Hush button**
- **Kitemarked to BS5446-1:2000**
- **5 year guarantee**

Product Description

The Ei3105H is an Optical Smoke Alarm that runs on a 9V alkaline battery (supplied with the alarm).

The Ei3105H is easily installed and comes supplied with all necessary screw fixings.

The Ei3105H particularly useful near kitchens as the hush button will silence nuisance alarms from cooking etc for 10 minutes.

Operation

- The smoke detector will activate the built in sounder upon sensing smoke particles
- The smoke detector will automatically reset itself and silence the sounder when smoke particles are no longer present in the sensing chamber
- The smoke detector has a built in warning flag to prevent installation of the detector without a battery fitted
- The built in sounder will provide a minimum sound output of 85dB at 3m
- The “Test/Hush” button will simulate smoke-use to check performance at least monthly
- The “Test/Hush” button will silence nuisance alarms
- The smoke detector will emit a beep every 40 seconds to indicate that the battery back up is depleted and needs replacing

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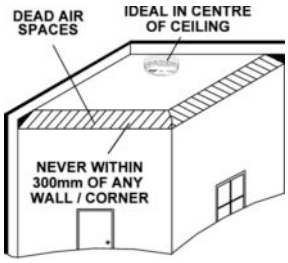
Model Ei3105H Smoke Alarm

Technical Specification

Sensor:	Optical, uses light scatter from smoke particles
Sensitivity:	Complies with BS 5446 Part 1: 2000
Source:	Contains no radioactive material
Airspeed:	Essentially immune to the effect of airspeed.
Button Test:	Simulates the effect of smoke and checks chamber, electronics and horn
Supply Voltage:	9V battery
Alarm:	Piezoelectric horn in unit
Alarm Sound Output:	85dB (minimum) at 3m
Temperature Range:	0 to 40°C
Humidity Range:	0% to 90% Relative Humidity
Fixing:	Screw fixings supplied
Plastic material:	UL94HB flame retardant
Dimensions:	140x120x45 mm
Weight:	281 g
Warranty:	5 year (limited) warranty
Approvals:	Kitemarked to BS5446-1:2000, CE Approved

Specifications are subject to change

Installation & Placement



Alarms should be placed in accordance with the general guidelines shown in the diagram above. These recommendations are based on the problem of areas of “dead air” close to corners of rooms and apexes of ceilings, which could result in the prevention of smoke reaching the smoke detector

Please consult the Instruction Leaflet supplied with the Ei3105H for detailed instructions as to how to correctly install and position the smoke detector

Important Precaution:
Do not install the actual smoke/heat alarm itself in new or renovated buildings until all work is completed (including floor coverings) and the building has been fully cleaned. (Excessive dust and debris from building work can contaminate the smoke chamber and cause problems, and it will also invalidate the guarantee). If it must be installed, cover it completely, particularly around the edges, with a dust cover (eg. a plastic bag), until all cleaning is finished..

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